

AMENDMENTS TO SPECIFICATION:

Please replace the paragraph on Page 15, lines 6 – 9 with the following amended paragraph:

Next, a data control unit 21 is constructed using a counter and gates, and is provided at the subsequent stage of the reception unit 20. In the data control unit 21, various controls are performed based on the reception data. More specifically, the pulse pattern of the reception data is identified. Hence, the function of the detecting unit recited in the claims is performed by the data control unit 21. Based on the identification result, a first control signal C1 and the second control signal C2 which become active at the “H” level are generated. In addition, temperature-compensation data, which is a part of the reception data, is output to the storage unit 22.

Please add the following new paragraph after the paragraph on Page 24, lines 7 – 20:

Hence, the function of the examining unit recited in the claims is performed, at least in part, by the temperature-sensing oscillation test unit 25.